

Amendments to the Specification

Kindly enter the following amendments to the specification:

Please replace the paragraph starting on page 3, line 15 with “Fig. 2 shows...” and ending on page 3, line 16 with “invention;” with the following paragraph:

“Fig. 2 shows an elemental component, defined by two of the elongated members shown in Figure 1 in accordance with one embodiment of the invention; and”

Please insert the following paragraph between lines 16 and 17 of page 3:

“Fig. 3 shows a perspective view of the elongated members shown in Figure 2, arranged in a mismatched manner in accordance with an embodiment of the invention.”

Please replace the paragraph starting on page 4, line 3 with “The elongated members...” and ending on page 4, line 7 with “... bending or compression stress” with the following paragraph:

“The two elongated members are joined by a weld (10) along its external edges, as indicated in number (5) of Figure 2. Since the above concerns light elongated members, intermittent welds are provided in or near one or several edges of said elongated members, in order to prevent them from buckling when the tubular steel elongated member experiences bending or compression stress.”

Please replace the paragraph starting on page 4, line 12 with “The elongated members...” and ending on page 4, line 17 with “of the elongated members” with the following paragraph:

“As shown in Figure 1, the The elongated member members (1) may have a rounded bend or angled corner bends (2), stiff or bent edge edges (3) and core stiffeners or indentations (4) (see Figure 1). The angled corner (2) defines a first inclined line (6) shown in a dashed line in the upper left hand corner of Figure 1. Likewise, the stiffener or indentation (4) defines a second inclined line (7) tangent to the surface of the indentation (4), as shown in a dashed line in the lower left hand corner of Figure 1. As shown in Figures 1 and 2, the distance between the end (8) (shown in the upper right-hand corner of Figure 1) and the first inclined line (6) is less than

the distance between the opposite end (9) of the cross section (shown in the lower right-hand corner of Figure 1) and the second inclined line (7). The purpose of the ~~these~~ stiffeners is to optimize the mechanical performance of the elements, both for their handling prior to their assembly, as well as their subsequent performance as part of the finished column or beam. The stiffeners also serve to prevent deformations that could be produced by the heating caused by the weld of the elongated members.”

Please replace the paragraph starting on page 4, line 22 with “Each one of said...” and ending on page 5, line 4 with “... in a common transversal section” with the following paragraph:

“As shown in Figure 3, the ~~Each one of said~~ two elongated members (1 and 1') may ~~that~~ form a beam, column or member of a structure that can be substantially long, ~~in which case they~~ are formed by several correspondent elongated members joined one next to the other. In ~~in~~ addition, all the elongated members that form the substantially long beam, column or member of a structure are arranged in a mismatched manner (see Figure 3), by ensuring that the joints between them do not coincide in a common transversal section.”

Please insert the following paragraphs after the last paragraph on page 5, at line 14:

“The beam, column or member formed from the elongated members may have diverse dimensions which, when combined between each other, originate a wide variety of beams, columns or members of a structure. Additionally, the beam, column or structural member may include a varying thickness, due to the fact that the elongated members have different thickness or one of the elongated members may vary along a length thereof, causing a thickness of the structural element to vary along a length thereof. The elongated members may also have unequal dimensions.

When assembling the elongated members, the beam, column or structural member may include a first and second open cross-section elongated members joined end-to-end to form a first end joint and a third and fourth open cross-section elongated members joined end to end to form a second end joint. The first and second elongated members may be joined to the third and fourth elongated members such that the first end joint and the second end joint do not meet.”